成品尺寸:95*150mm,采用128g双铜印刷,骑马钉装订

DVB-T2 Signal Finder

USER'S MANUAL

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1. Safety use

- Please read this manual carefully before first time use.
- Do not touch the LCD screen.
- Do not place heavy items on the device.
- Do not lay the device close to heating source, in the sunshine, in place with strong vibration or full of dust.
- Clean the device with soft dry fabric, do not drop liquid in to the device to prevent damage.
- Place the device in ventilated surroundings.
- Contact the provider should malfunction happen.
- Damaging the device on operation without following the guideline would not be warranted.

We reserve the right to make changes to its products at any time without notice in order to improve design and supply the best possible product. Accordingly operation method may change. If you have any question, please consult the manufacturer.

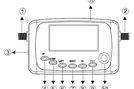
Notice

1. Do not use two different power sources simultaneously.
2. Use the compass attached for directional reference before power on, otherwise it will be affected by magnetic field of current.
3. If short circuit happens when connecting cable, the screen will show "Input signal short circuit! Please power off! " please check and remove the problem, then connect power again.

2. Features

- Accurate and convenient facility for antenna installation.
- With signal strength and quality display.
- Built-in controllable LCD backlight and signal alert speaker.
- Support DVB-T and DVB-T2 function.

3. Panel introduction and function description



① Signal Input(from ANT)
② Signal Output/power
③ DC input
④ UP: Move cursor up
⑤ DOWN: Move cursor down
⑥ LEFT: Move cursor left
⑦ RIGHT: Move cursor right
⑧ OK: Confirm (Enter)
⑨ EXIT: Exit (Cancel)
⑩ Compass
⑪ Buzzer

4. Main menu operation description

The screen will show "Software V1.00, Initializing., please wait a few minutes " temporarily when power is connected, then enter the main menu.

Press "UP" or "DOWN" button to move cursor to the function selected then press "OK" button to confirm(enter).

MAIN MENU
Check Channel
Analyze Spectrum
List Channel
Define User Data
Select System Data

4.1 Check Channel

●Function

The function offers quick access of channel, parameter selection and signal status display. It also can modify selected parameter directly.

●Operation

Select the function and press "OK" button to enter the menu as following:

Country:	England
Channel:	CH21
Freq(KHz):	474000
BW(MHz):	8
LOCK	DVB-T2
S:	85%
Q:	75%

1. Press "UP" or "DOWN" button to move cursor to "Channel CH21", press "LEFT" or "RIGHT" button to select different Channel.

2. Press "EXIT" to exit current menu.

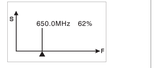
4.2 Analyze Spectrum

●Function

Enter submenu the submenu of Analyze Spectrum. The picture will be display as following. The device will scan the frequency band from Start freq to End freq automatically.

●Operation

Select "Analyze Spectrum" and press "OK" to enter the following menu:



4.3 List Channel

1. Press "UP" or "DOWN" button to select List Channel, Press "OK" to enter the menu as following.

01	England
02	Netherlands
03	Serbia
04	···

2. Press "UP" or "DOWN" button to move cursor, press "LEFT" or "RIGHT" button to change page, Select the country and press "OK" button to show the menu as following

NO.	Channel	Freq	BW
01	CH21	474.0	8
02	CH22	482.0	8
03	CH23	490.0	8
04	···		

3. Press "EXIT" button to exit current menu.

4.4 Define User Data

●Function

According to the user's requirement, they can add some new channels. It includes channel name, frequency and BW.

●Operation

Select and enter the "Define User Data" menu as following.

SUBMENU	
Add	Channel
Modify	Channel
Delete	Channel

1. Move cursor to "Add Channel" an press "OK" button to enter adding channel name function. Press "LEFT" or "RIGHT" to move cursor to select the letter or digit position , then press "UP" or "DOWN" button to set the letter or number (capital: A—Z, lowercase: a—z, number: 0—9), press "EXIT" button to confirm and exit current setting.

2. Press "UP" or "DOWN" button to move cursor to "Freq(KHz)" or "BW" , then press "OK" to change setting respectively.

3. If need to modify channel, move cursor to "Modify Channel" and press "OK" button to enter modifying function.

4. If need to delete channel, move cursor to "Delete Channel" and press "OK" button to enter delete function.

4.5 Select System Data

●Function

In this menu, user can set the general parameters.

●Operation

Select and enter the "Select System Data" menu as following.

PARAMETER SELECT	
+5V Output:	ON
Buzzer Sound:	ON
Boot Menu:	MainMenu
Country:	England

1. Move cursor to "+5V Output" , press "LEFT" or "RIGHT" button to select on or off.

2. Press "UP" or "DOWN" to move cursor to "Buzzer Sound" , then press "LEFT" or "RIGHT" button to select on or off.

3. Press "UP" or "DOWN" to move cursor to "Boot Menu" , then press "LEFT" or "RIGHT" button to select Main Menu, Check or Analyze. You can see the "Analyze Spectrum" of interface if you select Analyze. You can see the "Check Channel" of interface if you select check.

4. Press "UP" or "DOWN" to move cursor to "Country" , then press "LEFT" or "RIGHT" button to select country.

5. Specifications:

1. Input frequency
   Frequency Range:170～230MHz(VHF);
   470～862MHz(UHF)
   Bandwidth: 6/7/8MHz

2. Demodulation
   Constellation
   DVB-T mode: QPSK/16QAM/64QAM.
   DVB-T2 mode: QPSK/16QAM/64QAM/256QAM
   FEC
   DVB-T mode: 1/2, 2/3, 3/4, 5/6, 7/8
   DVB-T2 mode: 1/2,3/5,2/3,3/4,4/5,5/6

3. Others
   Operating temperature: -10℃ ～ +50℃
   Connectors: F type female

4. Power
   Power Supply Input : AC110～220V 50Hz/60Hz
   Power Supply Output: 13V DC 1000mA

5. Attachments
   Power Supply: x 1
   Operation manual: x1

Note:
Li-ion battery （selectable）
Charger （selectable）

6. Connecting diagram

[Diagram 1]

[Diagram 2]